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PTO/SB/05 (1/98)  
Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|---|--|---|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small> | Attorney Docket No.                      | 4161US (98-1265)  |
|   | First Inventor or Application Identifier | Warren M. Farnworth   |
|   | Title                                    | METHOD AND APPARATUS OF INTERPOSING VOLTAGE REFERENCE TRACES BETWEEN SIGNAL TRACES IN SEMICONDUCTOR DEVICES |
|   | Express Mail Label No.                   | EL500249732US   |

|  |  |           |                |          |                |
|--|--|-----------|----------------|----------|----------------|
| <b>APPLICATION ELEMENTS</b><br><small>See MPEP chapter 600 concerning utility patent application contents.</small>   | <b>ADDRESS TO:</b><br>Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231   |           |                |          |                |
| 1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17)<br><small>(Submit an original, and a duplicate for fee processing)</small>   | 6. <input type="checkbox"/> Microfiche Computer Program (Appendix)   |           |                |          |                |
| 2. <input checked="" type="checkbox"/> Specification <small>[Total Pages 16]</small><br><small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"><li>- Descriptive title of the Invention</li><li>- Cross References to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to Microfiche Appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul>                     | 7. Nucleotide and/or Amino Acid Sequence Submission<br><small>(if applicable, all necessary)</small> <ul style="list-style-type: none"><li>a. <input type="checkbox"/> Computer Readable Copy</li><li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</li><li>c. <input type="checkbox"/> Statement verifying identity of above copies</li></ul> |           |                |          |                |
| 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <small>[Total Sheets 5]</small>  | <b>ACCOMPANYING APPLICATION PARTS</b>  |           |                |          |                |
| 4. Oath or Declaration <small>[Total Pages 1]</small> <ul style="list-style-type: none"><li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li><li>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d))<br/><small>(for continuation/divisional with Box 17 completed)</small><br/><small>[Note Box 5 below]</small><ul style="list-style-type: none"><li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/><small>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</small></li></ul></li></ul> | 8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))   |           |                |          |                |
| 5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked)<br><small>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</small>   | 9. <input checked="" type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney<br><small>(when there is an assignee)</small>   |           |                |          |                |
| 17. If a <b>CONTINUING APPLICATION</b> , check appropriate box, and supply the requisite information below and in a preliminary amendment:<br><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: _____<br><small>Prior application information: Examiner _____ Group / Art Unit: _____</small>   | 10. <input type="checkbox"/> English Translation Document (if applicable)  |           |                |          |                |
|  | 11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations  |           |                |          |                |
|  | 12. <input type="checkbox"/> Preliminary Amendment   |           |                |          |                |
|  | 13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><small>(Should be specifically itemized)</small>   |           |                |          |                |
|  | 14. <input type="checkbox"/> Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired<br><small>(PTO/SB/09-12)</small>  |           |                |          |                |
|  | 15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><small>(if foreign priority is claimed)</small>   |           |                |          |                |
|  | 16. <input type="checkbox"/> Other: _____  |           |                |          |                |
|  | <small>* A new statement is required to be entitled to pay small entity fees, except where one has been filed in a prior application and is being relied upon.</small>   |           |                |          |                |
| <b>18. CORRESPONDENCE ADDRESS</b>  |  |           |                |          |                |
| <input type="checkbox"/> Customer Number or Bar Code Label <small>(Insert Customer No. or Attach bar code label here)</small> or <input checked="" type="checkbox"/> Correspondence address below  |  |           |                |          |                |
| Name   | Joseph A. Walkowski<br>Trask, Britt & Rossa  |           |                |          |                |
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|                   |                         |                                   |          |
|-------------------|-------------------------|-----------------------------------|----------|
| Name (Print/Type) | Kenneth C. Booth        | Registration No. (Attorney/Agent) | 42,342   |
| Signature         | <i>Kenneth C. Booth</i> | Date                              | 04/13/00 |

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# FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$1,038.00)

## Complete if Known

|                      |                     |
|----------------------|---------------------|
| Application Number   | Not Yet Assigned    |
| Filing Date          | April 13, 2000      |
| First Named Inventor | Warren M. Farnworth |
| Examiner Name        | Unknown             |
| Group / Art Unit     | Unknown             |
| Attorney Docket No.  | 4161US (98-1265)    |

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 20-1469

Deposit Account Name TRASK, BRITT & ROSSA

- ☒ Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:  
☒ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description        | Fee Paid    |
|----------------------------|----------------------------|------------------------|-------------|
| 101 690                    | 201 345                    | Utility filing fee     | 690         |
| 106 310                    | 206 155                    | Design filing fee      | 0           |
| 107 480                    | 207 240                    | Plant filing fee       | 0           |
| 108 690                    | 208 345                    | Reissue filing fee     | 0           |
| 114 150                    | 214 75                     | Provisional filing fee | 0           |
| SUBTOTAL (1)               |                            |                        | (\$) 690.00 |

### 2. EXTRA CLAIM FEES

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 22                 | -20** = 2    | 18             | 36       |
| 7                  | -3** = 4     | 78             | 312      |
| Multiple Dependent |              |                | 0        |

\*\*or number previously paid, if greater; For Reissues, see below

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  |
|----------------------------|----------------------------|--|
| 103 18                     | 203 9                      | Claims in excess of 20                                     |
| 102 78                     | 202 39                     | Independent claims in excess of 3                          |
| 104 260                    | 204 130                    | Multiple dependent claim, if not paid                      |
| 109 78                     | 209 39                     | ** Reissue independent claims over original patent         |
| 110 18                     | 210 9                      | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 348.00

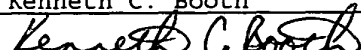
## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  | Fee Paid   |
|----------------------------|----------------------------|--|------------|
| 105 130                    | 205 65                     | Surcharge - late filing fee or oath  |            |
| 127 50                     | 227 25                     | Surcharge - late provisional filing fee or cover sheet.                    |            |
| 139 130                    | 139 130                    | Non-English specification  |            |
| 147 2,520                  | 147 2,520                  | For filing a request for reexamination                                     |            |
| 112 920*                   | 112 920*                   | Requesting publication of SIR prior to Examiner action                     |            |
| 113 1,840*                 | 113 1,840*                 | Requesting publication of SIR after Examiner action                        |            |
| 115 110                    | 215 55                     | Extension for reply within first month                                     |            |
| 116 380                    | 216 190                    | Extension for reply within second month                                    |            |
| 117 870                    | 217 435                    | Extension for reply within third month                                     |            |
| 118 1,360                  | 218 680                    | Extension for reply within fourth month                                    |            |
| 128 1,850                  | 228 925                    | Extension for reply within fifth month                                     |            |
| 119 300                    | 219 150                    | Notice of Appeal   |            |
| 120 300                    | 220 150                    | Filing a brief in support of an appeal                                     |            |
| 121 260                    | 221 130                    | Request for oral hearing   |            |
| 138 1,510                  | 138 1,510                  | Petition to institute a public use proceeding                              |            |
| 140 110                    | 240 55                     | Petition to revive - unavoidable   |            |
| 141 1,210                  | 241 605                    | Petition to revive - unintentional   |            |
| 142 1,210                  | 242 605                    | Utility issue fee (or reissue)   |            |
| 143 430                    | 243 215                    | Design issue fee   |            |
| 144 580                    | 244 290                    | Plant issue fee  |            |
| 122 130                    | 122 130                    | Petitions to the Commissioner  |            |
| 123 50                     | 123 50                     | Petitions related to provisional applications                              |            |
| 126 240                    | 126 240                    | Submission of Information Disclosure Stmt                                  |            |
| 581 40                     | 581 40                     | Recording each patent assignment per property (times number of properties) | 40         |
| 146 690                    | 246 345                    | Filing a submission after final rejection (37 CFR § 1.129(a))              |            |
| 149 690                    | 249 345                    | For each additional invention to be examined (37 CFR § 1.129(b))           |            |
| Other fee (specify)        |                            |  |            |
| Other fee (specify)        |                            |  |            |
| SUBTOTAL (3)               |                            |  | (\$) 40.00 |

\* Reduced by Basic Filing Fee Paid

## SUBMITTED BY

|                   |   |                                   |            |           |                |
|-------------------|---|-----------------------------------|------------|-----------|----------------|
| Name (Print/Type) | Kenneth C. Booth  | Registration No. (Attorney/Agent) | 42,342     | Telephone | (801) 532-1922 |
| Signature         |  | Date                              | 04/13/2000 |           |                |

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